

December 23, 2009

MEMORANDUM TO: William F. Burton, Chief
Rulemaking and Guidance Development Branch
Division of New Reactor Licensing
Office of New Reactors

FROM: Eric R. Oesterle, Senior Policy Analyst */Richard F. Schofer for RA/*
Rulemaking and Guidance Development Branch
Division of New Reactor Licensing
Office of New Reactors

SUBJECT: SUMMARY OF DECEMBER 10, 2009, PUBLIC MEETING WITH
INDUSTRY'S NEW PLANT WORKING GROUP ON COMBINED
LICENSE APPLICATIONS

On December 10, 2009, the U.S. Nuclear Regulatory Commission (NRC) staff held a public meeting at the Nuclear Energy Institute (NEI) Office in Washington, DC, with the industry's New Plant Working Group (NPWG) on Combined License Applications (COLAs). The purpose of the meeting was to discuss issues confronting the industry and the NRC regarding the licensing of new reactors. The associated meeting notice is available through the NRC's Agencywide Documents Access and Management System at Accession Number ML093220691. The following provides a brief summary of the meeting.

Summary

Mr. Eric R. Oesterle, Senior Policy Analyst, Rulemaking and Guidance Development Branch (NRGA), Division of New Reactor Licensing (DNRL), Office of New Reactors (NRO), opened the meeting and announced the following agenda topics for discussion:

1. Budget/Schedule Status Update for New Reactors
2. Environmental Protection Plan (EPP)
3. Physical Security Review Updates
4. Cyber Security Updates
5. Design Acceptance Criteria Resolution Working Group (DACRWG)

CONTACT: Eric R. Oesterle, NRO/DNRL
301-415-1365

Discussion Topics:

Budget/Schedule Status Update for New Reactors (D. Matthews)

Mr. David B. Matthews, Director of DNRL, highlighted Congressional interest in new reactor licensing activities and summarized from an October 16, 2009, letter from NRC Chairman Jaczko to Congressman Barton. Out of a total of 18 COLAs that have been submitted, the NRC is actively reviewing 13 COLAs while five COLA reviews have either been suspended or deferred in accordance with applicant requests. Mr. Matthews pointed out that the docket number for the Victoria Station COLA, which was suspended, will be converted/transferred to the early site permit (ESP) application for Victoria Station that Exelon has informed the NRC it will be submitting for review. Mr. Matthews also mentioned that he anticipates that some of the review activities already performed for the Victoria Station COLA may still be applicable to the ESP (e.g., activities related to Federal Emergency Management Agency reviews). Mr. Matthews mentioned that the Fiscal Year (FY) 2010 budget for the NRC has been approved by Congress and that the NRC is currently going through the FY 2011 budgeting process in preparation for sending this request to Congress. Mr. Matthews also informed the meeting attendees that the NRC is beginning the FY 2012 budget development process and to facilitate this effort the NRC plans to issue a Regulatory Information Summary (RIS) requesting voluntary information from potential future applicants on their plans for submitting new reactor licensing applications. Finally, Mr. Matthews announced that construction activities related to a new nuclear plant have started for the first time in 30 years. This announcement was met with spontaneous and unsolicited applause from the meeting participants.

Environmental Protection Plan (S. Flanders)

Mr. Scott C. Flanders, Director of the Division of Site & Environmental Reviews (DSER), provided an update on EPPs for new reactors. Mr. Flanders identified that an EPP template had been issued by the NRC in November 2008 and that comments were received from industry through NEI in February 2009. Mr. Flanders stated that DSER has reviewed the comments and is working on appropriate responses that are anticipated to be provided in early January 2010. Mr. Flanders remarked that much coordination with the Offices of Nuclear Reactor Regulation (NRR) and General Counsel (OGC) have taken place to develop appropriate responses since the perception based on the comments was that there are perceived differences in how the EPPs will be applied between existing operating plants and new plants. As an example, Mr. Flanders indicated that the perception on reporting requirements appears to be that the bar for new reactors is above and beyond that for existing reactors. Mr. Flanders clarified by explaining that the reporting requirements will be consistent and that the issue is on when the clock starts for making the time dependant report (i.e., the clock starts from the time the determination is made regarding the events reportability rather than from the time the event happens). Mr. Flanders confirmed that the NRC continues to believe that there is a need for the EPP and that existing regulations (i.e., Title 10 of the *Code of Federal Regulations*, 50.36b (10 CFR 50.36b) give the NRC the ability to impose such a plan and that it is prudent to do so. Finally, Mr. Flanders offered that because of the level of interest as evidenced by the large attendance at the last public meeting on this topic, the NRC is considering holding a public meeting in January 2010 prior to issuing its responses to industry comments on the EPP template. The meeting attendees voiced their agreement on this approach and welcomed further dialogue with the NRC at a public meeting in January 2010.

Physical Security Review Updates (S. Morris)

Mr. Scott A. Morris, Deputy Director for Reactor Security in the Office of Nuclear Security and Incident Response (NSIR), provided an update on physical security reviews for COLAs. Mr. Morris identified that the Energy Policy Act of 2005 required the NRC to consult with the Department of Homeland Security (DHS) during its COLA reviews and reported that all COL applicant site visits by DHS have been completed (i.e., 15 total). Mr. Morris summarized the NRC's efforts in the area of physical security: (i) along with finalizing the new security rulemaking of 10 CFR Section 73.55 and other provisions in March 2009, guidance was developed in NEI 03-12 to implement the provision of the new rule; (ii) many regulatory guides (RGs) associated with 10 CFR Section 73.55 have been issued; (iii) standard review plans have been developed and put into place, and; (iv) a draft RG on target set development is expected to be issued in January 2010. Mr. Morris also indicated that the first round of requests for additional information (RAIs) on six COLAs were issued on schedule and that a second round of RAIs was recently issued. Mr. Morris also stated that physical security reviews of four design certification (DC) applications are in progress and are approximately 50% complete.

Cyber Security Updates (S. Morris)

Mr. Morris, Deputy Director for Reactor Security in NSIR, provided an update on cyber security for COL applicants. Mr. Morris indicated that a generic template developed by the industry (i.e., NEI 08-09) to address the provisions in the new cyber security rule has not been endorsed. Mr. Morris informed the meeting attendees that RG 5.71 was recently reviewed by the Advisory Committee on Reactor Safeguards (ACRS) and that it would be issued final before year end. Mr. Morris advised that use of the NRC-developed cyber security plan template in RG 5.71 by COL applicants is the preferred NRC approach and offered that one COL applicant that used the RG 5.71 template will receive very few RAIs. In contrast, another COL applicant that used the template in NEI 08-09 received several RAIs from the staff. Based on this comparison, Mr. Morris emphasized that use of RG 5.71 template is considered the most efficient approach.

A question was asked regarding how the NRC sees its inspection efforts dovetailing with inspection requirements from the North American Electric Reliability Corporation (NERC) and Federal Energy Regulatory Commission (FERC). Mr. Morris mentioned that the NRC is just starting the conceptual phase for implementation and inspection plan and is collaborating with NERC on a memorandum of understanding (MOU) that would define roles and responsibilities, information sharing, site visits, inspections, event responses, enforcement, etc. This MOU is scheduled for completion by the end of December 2009 and will be issued via *Federal Register* Notice. Mr. Morris emphasized that any inspection approach that is piloted via this MOU would likely not be implemented until at least 2012 when there has been substantial construction progress made by COL licensees (e.g., perhaps not until the NRC Commission makes a finding under 10 CFR 52.103(g) authorizing operation of a new facility).

Design Acceptance Criteria Resolution Working Group (E. Oesterle)

Mr. Oesterle informed the meeting attendees that NRO established the DACRWG in October 2009 and held a kick-off in November. The DACRWG was formed primarily to: (i) address interest from ACRS on design acceptance criteria (DAC) resolution related to discussions on guidance for inspection, test, analysis, and acceptance criteria closeout in RG 1.215 and NEI 08-01; (ii) address the interest from the Commission on DAC resolution which was voiced at

the Commission briefing on New Reactors on September 22, 2009, and again in a briefing with ACRS on December 4, 2009; (iii) respond to a request from the South Texas Project (STP) in a June 18, 2009, letter for NRC to examine documentation related to completion of digital instrumentation and control (I&C) designs that are governed by DAC, and; (iv) the NRC response to STP dated October 22, 2009, identifying the development of staff guidance on DAC closure and the opportunity to use the STP COL as a pilot for this process. Mr. Oesterle stated that an overview of the DACRWG was previously provided during an NRC public meeting on November 5, 2009. Mr. Oesterle summarized the three options available for completing DAC: (1) via amendment to a DC rule; (2) submit completed designs as part of COLA, and; (3) complete DAC after issuance of the COL. Mr. Oesterle emphasized that the DACRWG is focusing on Option 3. Mr. Oesterle also offered that the primary focus of the DACRWG is on STP; however, the generic application of the process being developed is recognized and that the NRC is also working with NEI on the generic application of the specific processes developed for use with STP. The DACRWG is developing processes for resolution of DAC in the areas of digital I&C, human factors engineering, and piping, with the emphasis on digital I&C as the first strategy documents under development. The proposed schedule is to implement the specific process for STP in 3Q/FY 2010 (i.e., no later than June 2010) subject to the availability of resources. A public meeting to discuss progress and to roll out preliminary plans for the DAC resolution process is being targeted for January 2010. The DACRWG also envisions future incorporation of the generic processes being developed into NEI 08-01 and RG 1.215.

In response to a question on NRC preference regarding the likely possibility that DAC resolution for COL applicants/licensees may include aspects of all three options, Mr. Oesterle responded that it is up to the applicant to identify which option or options they will be using based on their individual circumstances. All options are viable and advance communication from the applicant to the NRC would help facilitate the review process. Members of NEI welcomed development of generic processes for DAC resolution as they anticipated DAC resolution using Option 3 to be very common among COL licensees.

NEI Discussion of Industry Issues

Following the specific agenda items for which the NRC provided updates, the following topics of interest were raised by members of the NPWG:

1. *Interim Staff Guidance (ISG) on Loss of Large Areas (ISG-016)* – NPWG members expressed concern over the differences between the guidance in ISG-016 and the guidance developed in NEI 06-12 to meet requirements of 10 CFR 50.54(hh). Perceptions were that ISG-016 went above and beyond requirements for existing operating plants. NRC staff indicated that a closed meeting would be scheduled for January 2010 to discuss comments on ISG-016, implementation of lessons learned from operating plants, and the path forward for this guidance.
2. *Process for closing out RAIs and Open Items* – NPWG members that had heard about this issue in other venues asked for clarification on whether this is to be a new process. NRC staff indicated that it is not a new process but rather an effort to add more discipline to the NRC's phased-review approach. In addition, the NRC would be looking at ensuring that open items included in Phase 2 of the review were only transitioned to Phase 4 if, in fact, they were only confirmatory. The discipline added would be to ensure no new open items were included in Phase 4 and that the NRC would revisit and refine

its thresholds of engagement with the applicant on issues to ensure resolution in alignment with the review phases. NRC staff also commented that more frequent and early communications also helps to facilitate the RAI process.

3. *ISG on Post-COL Commitments (ISG-015)* – NEI members of the NPWG indicated that they had recently sent comments to the NRC on draft ISG-015, acknowledged an agenda item in the public meeting scheduled for December 17, 2009, for the NRC to address these comments and expressed interest in NRC plans for addressing these comments. NRC staff expressed appreciation for the comments and indicated that there is agreement on over half of the comments provided. The remaining comments helped the NRC to refine and clarify the guidance; however, these refinements did not result in any fundamental changes to staff positions. ISG-015 will be issued final before year end.
4. *Construction Inspection Assessment Process (CIAP)* – NPWG members expressed that there is positive feedback from the senior-level panel discussion of CIAP that was held on November 16, 2009.
5. *Fast-tracking/streamlining of the New Reactor Licensing Process* – NPWG members shared with the NRC that they are aware of Congressional interest and of specific comments in this area and made a point of assuring the NRC that the nuclear industry is not the source of this Congressional interest. NPWG members commented that they are well aware of the complexities of the new reactor licensing process and are, in fact, making efforts to better inform Congressional staffers on this process. NRC staff acknowledged the Congressional interest and offered that they are seeing improvements in the quality and completeness of new reactor applications. NRC emphasized that improvements on the part of applicants and the NRC are focused on performance improvements rather than process improvements which seems to be the focus of Congressional remarks. NRC also offered that in its responses to questions from the financial community on past schedule delays it responded that these were attributable to poor performance regarding quality and completeness of applications; however, the NRC is seeing improvements in these areas.
6. *ESP Applications* – NPWG members with ESP applications currently under development asked about how the applicability of the environmental report (ER) for an ESP to a future COLA that references that ESP could be improved. NRC staff recommended that the ESP could address as many COL issues in its ER as possible even though it's not required. Another recommendation was to minimize the number of deferred issues.
7. *Recruitment and Retention of NRC Resources* – NPWG members asked NRC to comment on its recruitment and retention efforts to support new reactor licensing and construction inspection activities. NRC staff indicated that this area has been very successful and that it is hiring to the personnel limits authorized by Congress. Recruitment and retention has not impacted any NRC review or inspection schedules; however, when resource limitations arise due to short term needs (e.g., in certain technical areas) the NRC looks for contracted resources or may borrow internal resources from other review areas. The NRC may adjust some review milestones among applicants in order to manage its technical resource demands.

8. *Foreign Construction Activities* – NPWG members expressed interest in how much time the NRC is spending on overseas foreign construction activities. NRC staff indicated that there is a solid exchange program in place that allows NRC resident inspectors to be located at foreign reactor construction sites and gain valuable insights. It was mentioned that this program includes both Finland and France where new reactor construction is taking place and that discussions are in progress with China. NRC staff also indicated that it has some foreign regulators participating in a similar type of exchange program at NRC headquarters offices.

Questions or comments from the public

A question was asked regarding what NRC criteria or procedures were used to transition the reference COL (R-COL) application for the AP1000 design-centered working group (DCWG) from the Bellefonte COLA to the Vogtle COLA. NRC staff indicated that the choice of which COL applicant is the R-COL is a voluntary one that is decided among the specific members of a DCWG and is not based on any NRC criteria or regulations. The design centered review approach that the NRC established is based on policy rather than regulations and is discussed in several policy papers including SECY-06-0019, RIS-06-006, SECY-06-0187, and RIS-07-08. Ms. Marilyn Kray, President of NuStart, offered that the decision to make the Bellefonte COLA the R-COL for the AP1000 DCWG occurred in 2005 and that the change to the Vogtle COL as the R-COL is a reflection of commercial industry and utility decisions. NRC staff added that the R-COL transition to Vogtle would be essentially complete in January 2010.

Enclosure:
As stated

cc w/encl: See next page

- 8. *Foreign Construction Activities* – NPWG members expressed interest in how much time the NRC is spending in overseas foreign construction activities. NRC staff indicated that there is a solid exchange program in place that allows NRC resident inspectors to be located at foreign reactor construction sites and gain valuable insights. It was mentioned that this program includes both Finland and France where new reactor construction is taking place and that discussions are in progress with China. NRC staff also indicated that there is some foreign regulators participating in such an exchange program at NRC headquarters offices.

Questions or comments from the public

A question was asked regarding what NRC criteria or procedures were used to transition the reference COL (R-COL) application for the AP1000 design-centered working group (DCWG) from the Bellefonte COLA to the Vogtle COLA. NRC staff indicated that the choice of which COL applicant is the R-COL is a voluntary one which is decided among the specific members of a DCWG and is not based on any NRC criteria or regulations. The design centered review approach that the NRC established is based on policy rather than regulations and is discussed in several policy papers including SECY-06-0019, RIS-06-006, SECY-06-0187, and RIS-07-08. Ms. Marilyn Kray, President of NuStart, offered that the decision to make the Bellefonte COLA the R-COL for the AP1000 DCWG occurred in 2005 and that the change to the Vogtle COL as the R-COL is a reflection of commercial industry and utility decisions. NRC staff added that the R-COL transition to Vogtle would be essentially complete in January 2010.

Enclosure:
As stated

cc w/encl: See next page

DISTRIBUTION:

PUBLIC	RidsNroDnrl	RidsNroDpr
NRGA R/F	RidsNroDnrlNRGA	RidsNsirDpr
EOesterle, NRO	RidsNroDcip	RidsNsirDsp
RRobinson, NRO	RidsNroDe	RisOpaMailCenter
WBurton, NRO	RidsNroDser	RidsOgcMailCenter
RidsNroOd	RidsNroDsra	RidsAcrcAcnwMailCenter

ADAMS Accession No.: ML093480289 (package) *via email

NRC-001

OFFICE	PA:DNRL/NRGA	LA:DNRL/NRGA	BC:DNRL/NRGA
NAME	EOesterle	RRobinson *	WBurton (RSchofer for)
DATE	12/23/09	12/15/09	12/23/09

OFFICIAL RECORD COPY

**PUBLIC MEETING WITH INDUSTRY'S NEW PLANT WORKING GROUP
ON COMBINED LICENSE APPLICATIONS**

December 10, 2009

Attendance List

Name	NRC	Name	Industry
Scott Flanders	NRC	Brian McIntyre	AREVA
		Lou Zeller	Blue Ridge Environmental Defense League (BREDL)
Anthony Hsia	NRC	Dan Chalk	DOE
Earl Libby	NRC	Marvin Smith	Dominion
David B. Matthews	NRC	Ron May	DTE Energy
Scott Morris	NRC	Bryan Dolan	Duke
Eric Oesterle	NRC	Jean-Pierre Berger	EDF
Fred Schofer	NRC	Ken Barry	EPRI
		Bill Maher	FPL
		Tom Clements	Friends of the Earth
		Patricia Campbell	GE-Hitachi
		Bernard Gilligan	Hitachi
		Mike Callahan	GSI
		Gary Fader	INPO
		Bob Taylor	Kiewit
		Bobby Bird	Luminant
		C. Keith Paulson	Mitsubishi
		Stephen Burdick	Morgan Lewis
		Anne Cottingham	NEI
		Doug Walters	NEI
		Russell Bell	NEI
		Tony Pietrangelo	NEI
		Kimberly A. Keithline	NEI
		Rod McCullum	NEI
		Marilyn Kray	NuStart/Exelon
		Dave Lewis	PSEG
		Steve Byrne	SCANA
		Deann Raleigh	Sciencetech
		Ed Hubner	Shaw
		Bill Freebairn	Platts
		Eloise Logan	Platts
		John Elnitsky	Progress Energy
		Jeffrey Archie	SCANA
		Charles Pierce	Southern Nuclear
		Bob Schrauder	Toshiba/TANE
		Hiroshi Sakamoto	Toshiba/TANE
		Andrea Sterdis	TVA
		George Davis	Westinghouse

Enclosure

DCWG - Combined (All)

(Revised 12/08/2009)

cc:

Mr. Glenn H. Archinoff
AECL Technologies
481 North Frederick Avenue
Suite 405
Gaithersburg, MD 20877

Director
Division of Compliance & Inspection
Bureau of Radiation Control
Texas Department of State Health Services
1100 West 49th Street
Austin, TX 78756-3189

Mr. Ray Aycock
Field Supervisor
U.S. Fish and Wildlife Service
Mississippi Ecological Services Office
6578 Dogwood View Parkway
Jackson, MS 39213

Mr. Eugene S. Grecheck
Vice President
Nuclear Support Services
Dominion Energy, Inc.
5000 Dominion Blvd.
Glen Allen, VA 23060

Mr. Richard L. Baker
Bechtel Power Corporation
5275 Westview Drive
Frederick, MD 21703-8306

Mr. Jay M. Gutierrez
Morgan, Lewis & Bockius, LLP
1111 Pennsylvania Avenue, NW
Washington, DC 20004

Scott Bond
Callaway Plant
P.O. Box 620
Fulton, MO 65251

Ms. Sophie Gutner
P.O. Box 4646
Glen Allen, VA 23058

Ms. Michele Boyd
Legislative Director
Energy Program
Public Citizens Critical Mass Energy
and Environmental Program
215 Pennsylvania Avenue, SE
Washington, DC 20003

Mr. Brian Hastings
Public Utility Commission
William B. Travis Building
P.O. Box 13326
1701 Noth Congress Avenue
Austin, TX 78701-3326

Ms. Cindy Brizes
U.S. Department of Energy
P.O. Box A
Aiken, SC 29802

Mr. Adam C. Heflin
Senior Vice President and
Chief Nuclear Officer
AmerenUE/Callaway Plant
P.O. Box 620
Fulton, MO 65251

Mr. Barton Z. Cowan, Esquire
Eckert Seamans Cherin & Mellott, LLC
600 Grant Street, 44th Floor
Pittsburgh, PA 15219

Mr. Ronald Kinney
South Carolina DHEC
2600 Bull Street
Columbia, SC 29201

DCWG - Combined (All)

Dr. Regis A. Matzie
Senior Vice President and
Chief Technology Officer
Westinghouse Electric Company
20 International Drive
Windsor, CT 06095

Mr. Norris McDonald
President
AAEA
9903 Caltor Lane
Ft. Washington, MD 20744

Dr. Masanori Onozuka
Mitsubishi Nuclear Energy Systems, Inc.
1001 19th Street North, 7th Floor
Arlington, VA 22201-5426

Dr. C. Keith Paulson
Mitsubishi Nuclear Energy Systems, Inc.
300 Oxford Drive, Suite 301
Monroeville, PA 15146

PBMR Pty. Limited
Lake Buena Vista Building
1267 Gordon Hood Avenue
PO Box 9396
Centurion 0046
Republic of South Africa

Charles Peterson
Pillsbury, Winthrop, Shaw & Pittman, LLP
2300 "N" Street, NW
Washington, DC 20037

Mr. Ernest Reed
Living Education Center
for Ecology and the Arts
P.O. Box 2612
Charlottesville, VA 22902

Mr. Tom Sliva
7207 IBM Drive
Charlotte, NC 28262

Mr. David W. Sutherland
Chesapeake Bay Field Office
U.S. Fish and Wildlife Service
177 Admiral Cochrane Drive
Annapolis, MD 21401

Mr. Robert E. Sweeney
IBEX ESI
4641 Montgomery Avenue
Suite 350
Bethesda, MD 20814

Mr. Ed Wallace
General Manager - Projects
PBMR Pty LTD
P. O. Box 9396
Centurion 0046
Republic of South Africa

Mr. Gary Wright, Director
Division of Nuclear Facility Safety
Illinois Emergency Management Agency
1035 Outer Park Drive
Springfield, IL 62704

DCWG - Combined (All)

Email

alsterdis@tva.gov (Andrea Sterdis)
amonroe@scana.com (Amy Monroe)
APAGLIA@Scana.com (Al Paglia)
APH@NEI.org (Adrian Heymer)
awc@nei.org (Anne W. Cottingham)
bevans@enercon.com (Bob Evans)
Bill.Jacobs@gdsassociates.com (Bill Jacobs)
Bill.Moore@luminant.com (Bill Moore)
BrinkmCB@westinghouse.com (Charles Brinkman)
brock.degeyter@energyfutureholdings.com (Brock Degeyter)
Carellmd@westinghouse.com (Mario D. Carelli)
carey.fleming@constellation.com (Carey Fleming)
chris.maslak@ge.com (Chris Maslak)
ck_paulson@mnes-us.com (Keith Paulson)
ckpaulson@aol.com (C.K. Paulson)
CumminWE@Westinghouse.com (Edward W. Cummins)
cwaltman@roe.com (C. Waltman)
david.hinds@ge.com (David Hinds)
david.lewis@pillsburylaw.com (David Lewis)
DeLaBarreR@state.gov (R. DeLaBarre)
DJW@NEI.org (Doug Walters)
donald.woodlan@luminant.com (Donald Woodlan)
ecullington@earthlink.net (E. Cullington)
eddie.grant@excelservices.com (Eddie Grant)
erg-xl@cox.net (Eddie R. Grant)
frank_quinn@comcast.net (Frank Quinn)
Fred.Madden@luminant.com (Fred Madden)
garry.miller@pgnmail.com (Garry D. Miller)
gcesare@enercon.com (Guy Cesare)
gedgar@morganlewis.com (George Edgar)
GovePA@BV.com (Patrick Gove)
gwcurtis2@tva.gov (G. W. Curtis)
gzinke@entergy.com (George Alan Zinke)
hickste@earthlink.net (Thomas Hicks)
ian.c.rickard@us.westinghouse.com (Ian C. Richard)
james.beard@gene.ge.com (James Beard)
JCaldwell@luminant.com (Jan Caldwell)
Jean.Amundson@luminant.com (Jean Amundson)
jeff.simmons@energyfutureholdings.com (Jeff Simmons)
jerald.head@ge.com (Jerald G. Head)
jgutierrez@morganlewis.com (Jay M. Gutierrez)
jim.riccio@wdc.greenpeace.org (James Riccio)
jim@ncwarn.org (Jim Warren)
jin_chung@mnes-us.com

DCWG - Combined (All)

JJNesrsta@cpsenergy.com (James J. Nesrsta)
joel.Friday@ge.com (Joel Friday)
John.Only@luminant.com (John Only)
John.O'Neill@pillsburylaw.com (John O'Neill)
Joseph_Hegner@dom.com (Joseph Hegner)
joseph_tapia@mnes-us.com (Joseph Tapia)
junichi_uchiyama@mnes-us.com (Junichi Uchiyama)
karen@seedcoalition.org (Karen Hadden)
kcrogers@aol.com (K. C. Rogers)
KSutton@morganlewis.com (Kathryn M. Sutton)
kwaugh@impact-net.org (Kenneth O. Waugh)
lchandler@morganlewis.com (Lawrence J. Chandler)
lois@ieer.org (Lois Chalmers)
Marc.Brooks@dhs.gov (Marc Brooks)
maria.webb@pillsburylaw.com (Maria Webb)
marilyn.kray@exeloncorp.com
mark.beaumont@wsms.com (Mark Beaumont)
Marvin.Smith@dom.com (Marvin L. Smith)
masanori_onozuka@mnes-us.com (Masanori Onozuka)
masayuki_kambara@mhi.co.jp (Masayuki Kambara)
matias.travieso-diaz@pillsburylaw.com (Matias Travieso-Diaz)
maurerbf@westinghouse.com (Brad Maurer)
mbowling@numarkassoc.com (Marty Bowling)
media@nei.org (Scott Peterson)
mgiles@entergy.com (M. Giles)
mike.blevins@luminant.com (Mike Blevins)
mike_moran@fpl.com (Mike Moran)
mlucas3@luminant.com (Mitch Lucas)
MSF@nei.org (Marvin Fertel)
mwetterhahn@winston.com (M. Wetterhahn)
nirsnet@nirs.org (Michael Mariotte)
patriciaL.campbell@ge.com (Patricia L. Campbell)
paul.gaukler@pillsburylaw.com (Paul Gaukler)
Paul@beyondnuclear.org (Paul Gunter)
pshastings@duke-energy.com (Peter Hastings)
rbird1@luminant.com (Bobby Bird)
rclary@scana.com (Ronald Clary)
REB@NEI.org (Biff Bradley)
Rebecca.Smith-Kevern@nuclear.energy.gov (Rebecca Smith-Kevern)
RJB@NEI.org (Russell Bell)
RKTemple@cpsenergy.com (R.K. Temple)
robert.kitchen@pgnmail.com (Robert H. Kitchen)
sandra.sloan@areva.com (Sandra Sloan)
SauerB@BV.com (Robert C. Sauer)
sfrantz@morganlewis.com (Stephen P. Frantz)

DCWG - Combined (All)

shinji_kawanago@mnes-us.com (Shinji Kawanago)
sid.kere@dom.com (Sid Kere)
stephan.moen@ge.com (Stephan Moen)
steven.hucik@ge.com (Steven Hucik)
tgilder1@luminant.com (Tim Gilder)
tkkibler@scana.com (Tria Kibler)
tom.miller@nuclear.energy.gov (Thomas P. Miller)
tomccall@southernco.com (Tom McCallum)
Tony_Banks@dom.com (Tony Banks)
trsmith@winston.com (Tyson Smith)
Vanessa.quinn@dhs.gov (Vanessa Quinn)
VictorB@bv.com (Bill Victor)
vijukrp@westinghouse.com (Ronald P. Vijuk)
Wanda.K.Marshall@dom.com (Wanda K. Marshall)
wayne.marquino@ge.com (Wayne Marquino)
whorin@winston.com (W. Horin)